

Now you can automatically mix and pour your gold investment under vacuum with the St. Louis Investment Mixer. Mix up to 18 flasks per hour. The most important feature of this unit is that you can mix and pour investment under a controlled vacuum environment, eliminating the need for separate mixing, pouring and vacuuming operations.

With its user friendly interface, anyone can be trained to operate this unit in minutes. Simply place your flasks in the enclosed drum under the investment mixing blades, measure the correct amount of investment and water, close the mixing chamber and start the vacuum pump. (not included) When you have achieved vacuum, turn on the two speed mixing unit and set your timer. These units will reduce casting rejects and produce bubble free castings!

Now you are ready to pour your flask. Position your flask under the valve, apply vacuum to the lower chamber and open the valve. As the investment fills the flasks, turn on the vibration table under the flasks and you are done!  
All units: 220V, 1ph50/60cy. Vacuum pumps are not included, unless specified. Made in Italy.

**St. LOUIS MINI MIX**

(small Platinum mixer)

**76-113-MINI**

Tabletop unit, specifically designed for platinum and gold investment mixing.

- Powder Capacity:** 1 kg
- Max. flask height:** 120 mm
- Flask plate diameter:** 100mm
- Dimensions:** 30 x 35 x 72 cm H
- Weight:** 17 Kg.
- Voltage:** 220V single phase



**ST. LOUIS 92 - 4 Kg**

**76-113-4KG**

Tabletop unit, specifically designed for gold investment mixing.

- Powder Capacity:** 4 kg
- Max. flask height:** 200 mm
- Flask plate diameter:** 150 mm
- Dimensions:** 30 x 35 x 95 cm H
- Weight:** 22 Kg.
- Voltage:** 220V single phase



**ST. LOUIS 82 - 6 Kg.**

**76-115**

Tabletop unit, specifically designed for gold investment mixing.

- Powder Capacity:** 6 kg
- Max. flask height:** 200 mm
- Flask plate diameter:** 280 mm
- Dimensions:** 49 x 42 x 105 cm H
- Weight:** 44 Kg.
- Voltage:** 220V single phase



**ST. LOUIS 82 PLATINUM - 3 Kg (6 Kg Au)**

**76-115-P**

Platinum investment vacuum mixing unit supplied with particular mixing container and special cross blade. The machine is supplied with a separate standard mixing container to be used also for gold investment powder. A syringe is provided for additive independent loading of binder.

- Powder Capacity:** 3 Kg Pt/6 Kg Au
- Max. flask height:** 100mm (Pt)/200 mm (Au)
- Flask plate diameter:** 280 mm
- Dimensions:** 46 x 42 x 105 cm H
- Weight:** 48 Kg.
- Voltage:** 220V single phase





**ST. LOUIS 2000 - 10 Kg**  
76-114

Complete Heavy duty unit for multiple flask filling in each single investment preparation process up to 10 Kg. max powder capacity.

**Powder Capacity:** 10 kg  
**Max. flask height:** 350 mm  
**Flask plate diameter:** 360 mm  
**Dimensions:** 62 x 66 x 170 cm H  
**Weight:** 210 Kg.  
**Voltage:** 220V single phase  
**Pump:** Included



**ST. LOUIS 2000 XL - 14 Kg**  
76-114-14XL

Complete Heavy duty unit for multiple flask filling in each single investment preparation process up to 14 Kg. max powder capacity.

**Powder Capacity:** 14 kg  
**Max. flask height:** 350 mm  
**Flask plate diameter:** 360 mm  
**Dimensions:** 62 x 66 x 170 cm H  
**Weight:** 212 Kg.  
**Voltage:** 220V single phase  
**Pump:** Included



**ST. LOUIS 2000 PT 14**  
**PLATINUM - 6 Kg Pt (14 Kg Au)**  
76-114-6XL

Platinum investment vacuum mixer with special mixing container and cross blade. Supplied with an extra container for gold investment powder.

A syringe is provided for additive independent loading of binder.

**Powder Capacity:** 6 Kg Pt/14 Kg Au  
**Max. flask height:** 150 mm  
**Flask plate diameter:** 360 mm  
**Dimensions:** 62 x 66 x 170 cm H  
**Weight:** 212 Kg.  
**Voltage:** 220V single phase  
**Pump:** Included



**ST. LOUIS 2002 XL**  
**AUTOMATIC - 14 Kg**  
76-130

Heavy duty automatic unit for multiple flask filling in each single investment preparation up to 14 Kg. powder capacity.

**Powder Capacity:** 14 kg  
**Max. flask height:** 350 mm  
**Flask plate diameter:** 330 mm  
**Dimensions:** 62 x 66 x 170 cm H  
**Weight:** 212 Kg.  
**Voltage:** 220V single phase  
**Pump:** Included

**ST. LOUIS 2000 XXL - 22 Kg**  
76-131

Industrial machine for heavy duty use capable to prepare 22 Kg. investment powder for each single investing process. Due to the heavy weight of the mixing container filled with powder, the unit is supplied with a side metal cabinet with rollers and digital scale for the easy transfer of the mixing container in it's working position.

**Powder Capacity:** 22 kg  
**Max. flask height:** 400 mm  
**Flask plate diameter:** 450 mm  
**Dimensions:** 72 x 80 x 175 cm H + 47 x 95 x 100 cm H  
**Weight:** 230 Kg + 100 Kg  
**Voltage:** 220V single phase + 380V 3 Phase  
**Pump:** Included

